

Nye.

1642.

A new Almanacke and Prognostication,  
for the yeare of our Lord God,  
1642.

*Annus hic est secundus à Bisextile.*

Calculated exactly for the faire and populous  
Towne of **Birmicham** in Warwickshire, where  
the Pole is elevated above the Horizon 52 de-  
grees, and 38 minutes, and may serve for any part  
of this Kingdome.

By NATHANIEL NYE,  
Practitioner of Astronomy.



15  
L O N D O N,  
Printed by R.H. for the Company of  
STATIONERS.



Common notes according to our English  
account for this present yeare,

1642.

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|                          |    |
|--------------------------|----|
| The Golden number.       | 9  |
| The Circle of the Sunne. | 27 |
| The Epact.               | 28 |
| The Roman Indiction.     | 10 |
| The Dominicall Letter.   | B  |

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Charles our Sovereigne King, began his reigne over  
great Britaine, Anno 1625. March the 27, and  
hath reigned 17 yeares compleat this yeare 1642.

*Vivat Rex & Regina*

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To the friendly Reader.

**L**oving friends, reade where you please, and leave that  
you like not, My onely suit unto you is this that if any  
thing be amisse in my booke you pardon it, if well  
you defend it, how ever it be you accept it, faults escaped in  
Printing correct with your Pen, omitted by negligence  
overslip with patience; committed by ignorance, remit  
you with favour, and in so doing I shall be the more wil-  
ling to continue my labour, I rest,

*From Arnhem in Gelderland,*  
Jan. 29. 1640.

The

The Anatomy of the body of man as the  
parts thereof have been anciently sup-  
posed to be governed by  
the 12 signes of the  
Zodiacke.

♈ Aries, Head and face.

♉ Taurus,  
Necks and  
throat.  
♊ Cancer,  
Breast, stomach,  
and ribs.  
♋ Virgo,  
♍ Womels and  
Belly.  
♏ Scorpio,  
Secret mem-  
bers.  
♌ Capricorn,  
The knees.



♊ Gemini,  
Tymes and  
shoulders,  
♌ Leo,  
Heart and  
back.  
♎ Libra,  
Waines and  
Lopnes.  
♐ Sagittarius,  
The Thighes.  
♒ Aquarius.  
The Legges.

♓ Pisces, The feet.

The Characters of the seven Planets,  
☿ Saturne, ♀ Jupiter, ♂ Mars, ☽ Sol, ♀ Ve-  
nus, ♀ Mercury, ☽ Luna.

Aspects.

☌ Conjunction, ☎ Sextile, ☐ Quertile,  
△ Trine, ☯ Opposition.



## Of the Morning and Evening Starre this yeare.

The golden Planet Venus, is Orientall, or our glittering morning Starre, rising before the Sunne from the beginning of this yeare until the eighteenth of April; after Starre, rising in the day time, and setting in the night after the Sunne, beyond the yeares end.

### The Contents of the severall Columns in this Almanacke.

In the first is the dayes of the moneth.

In the second is the dayes of the weekke, **W.** being Sunday Letter.

In the third are placed the Halydayes, both fixed and moveable.

In the fourth is the signe the Moone is in, every day at noon.

In the fifth is the aspects of the Planet, and conjecture of weather.

The sixt is the rising of the Sunne, which being subtracted out of 12, there will remaine his setting, which being doubled, is the length of the day, and the rising being doubled, is the length of the night.

January.

January hath xxxi. dayes.

- Full Moone the 6 day at 2 a clock and 33 min. mor.
- Last quarter the 13 day at 10 at night.
- New Moone the 20 day at 2 afternoone.
- First quarter the 27 day at 5 afternoone.

|    |   |                 |         |  |   |    |
|----|---|-----------------|---------|--|---|----|
| 1  | a | New yeares d.   | Gem.    | Frosty.  | 8 | 9  |
| 2  | b | sun. aft. Chr.  | Gem.    |  | 8 | 8  |
| 3  | c | Oda. Ste.       | Gem.    | Inconstant   | 8 | 7  |
| 4  | d | Otab. John      | Canc.   |  | 8 | 6  |
| 5  | e | Oda Innoc.      | Canc.   | Snow like  | 8 | 4  |
| 6  | f | Twelv. day.     | Leo     | □ ♂ ☽ E wet  | 8 | 2  |
| 7  | g | Felix & Jan.    | Leo     |  | 8 | 1  |
| 8  | a | Lucian p̄ttest. | Leo     |  | 8 | 0  |
| 9  | b | sun. aft. Epi.  | Virgo   | Winds troubling the air caused by the rising of Orions girdle. | 7 | 59 |
| 10 | c | Joyce virg.     | Virgo   |  | 7 | 57 |
| 11 | d | Sorin Aquar.    | Libra   | □ h ♂ stormy and tempestuous weather.                          | 7 | 55 |
| 12 | e | Paul & Her.     | Libra   |  | 7 | 54 |
| 13 | f | Archad. mar.    | Libra   |  | 7 | 54 |
| 14 | g | Hillar. bishop. | Scorp.  |  | 7 | 51 |
| 15 | a | Maurice Ab.     | Scorp.  | Very cold and some wind.                                       | 7 | 50 |
| 16 | b | fund. aft. Ep.  | Dagit.  |  | 7 | 48 |
| 17 | c | Marcellus.      | Dagit.  |  | 7 | 46 |
| 18 | d | Psilca virg.    | Capric. | Frost  | 7 | 45 |
| 19 | e | Wolstan bish.   | Capric. |  | 7 | 43 |
| 20 | f | Fabian & S.     | Squa.   | ♂ ☽ faire  | 7 | 42 |
| 21 | g | Agnes virgin.   | Squa.   |  | 7 | 38 |
| 22 | a | Vincent         | Pisces  |  | 7 | 37 |
| 23 | b | Perme begin     | Pisces  | ♂ ♀ ☽ winds bringing wet.                                      | 7 | 35 |
| 24 | c | Holycarp bish.  | Trtes   |  | 7 | 32 |
| 25 | d | Con. of Paul.   | Trtes   |  | 7 | 30 |
| 26 | e | Julian bish.    | Taur.   |  | 7 | 28 |
| 27 | f | Thom. Aquat.    | Taur.   | * ♀ ♂ frost and cold   | 7 | 26 |
| 28 | g | Watarius bish.  | Taur.   | * ♀ ☽ winds  | 7 | 24 |
| 29 | a | Watibre bish.   | Gem.    |  | 7 | 22 |
| 30 | b | Theodore p̄t.   | Gem.    |  | 7 | 20 |
| 31 | c | Simson.         | Canc.   | 3  |   |    |

February hath xxviii dayes.

Full moone the 4 day neere 8 at night.  
 Last quarter the 12 day at 9 in the morning.  
 New moone the 19 day at 1 in the morning.  
 First quarter the 26 day about noone.

|    |   |                  |         |                             |
|----|---|------------------|---------|-----------------------------|
| 1  | D | Wiget            | Canc.   | 7 16                        |
| 2  | E | Candemar d.      | Canc.   | 7 17                        |
| 3  | F | Crast. Purif.    | Leo     | 7 15                        |
| 4  | G | Gisbert Con.     | Leo     | 7 13                        |
| 5  | A | Bgathe virg.     | Virgo   | 7 11                        |
| 6  | H | Septuagesim.     | Virgo   | 7 9                         |
| 7  | C | Wed. goes out    | Libra   | 7 7                         |
| 8  | D | Apolline         | Libra   | 7 5                         |
| 9  | E | Sol in Pisces    | Libra   | Wind and snow caused        |
| 10 | F | Octab. Pur.      | Scorp.  | by the setting of the       |
| 11 | G | Enfras. virg.    | Scorp.  | taile of the Dolphin.       |
| 12 | A | Terme ends.      | Sagitt. | 6 39                        |
| 13 | H | Sexagesima.      | Sagitt. | 6 37                        |
| 14 | C | Valentine        | Capr.   | 6 54                        |
| 15 | D | Fausta con.      | Capr.   | 6 52                        |
| 16 | E | Juliana mar.     | Capr.   | 6 50                        |
| 17 | F | Pollicron mar.   | Aqua    | 6 48                        |
| 18 | G | Himeon bish.     | Aqua    | 6 46                        |
| 19 | A | Habine mar.      | Pis. 14 | 6 44                        |
| 20 | H | Shrove fund.     | Pis. 28 | 6 42                        |
| 21 | C | Cathed. of P.    | Aries   | 6 40                        |
| 22 | D | 69 Martyg.       | Aries   | Cloudy.                     |
| 23 | E | Pollicag.        | Aries   | 6 38                        |
| 24 | F | Matthew Apo.     | Taur.   | 6 34                        |
| 25 | G | Inbon. of P.     | Taur.   | 6 32                        |
| 26 | A | Verand. bish.    | Gem.    | 6 30                        |
| 27 | H | 1 fund. in lent. | Gem.    | 6 28                        |
| 28 | C | Wlwald bish.     | Canc.   | better weather then before. |
|    |   |                  |         | 6 25                        |
|    |   |                  |         | 6 23                        |

Note that the moone may be seene the first night after the change from the first of January, untill the first of June and in the rest of the yeare the 2 night after.

March hath xxxi dayes.

- Full moone the 6 day at 1 afternoone.
- Last quarter the 13 day at 4 afternoone.
- New moone the 20 day about noone.
- First quarter the 23 day at 7 morning.

|    |   |                 |         |                                       |      |
|----|---|-----------------|---------|---------------------------------------|------|
| 1  | D | David bish.     | Canc.   |                                       | 6 21 |
| 2  | e | Ember weeke.    | Canc.   | Wind.                                 | 6 18 |
| 3  | t | Mauritius.      | Leo     |                                       | 6 17 |
| 4  | g | Dotian mart.    | Leo     | Cloudy.                               | 6 19 |
| 5  | a | Eccl. & Euseb.  | Virgo   |                                       | 6 13 |
| 6  |   | 2 sun. in Lent. | Virgo   | ♂ ☽ the weather                       | 6 10 |
| 7  | c | Perpetuus       | Libra   | somewhat worse then                   | 6 8  |
| 8  | d | Deposit. of Fe. | Libra   | before frosts and snow.               | 6 6  |
| 9  | e | 40 Marrys       | Scor.   | Cold.                                 | 6 4  |
| 10 | f | Gilbert Con.    | Scor.   | Equall day and night.                 | 6 2  |
| 11 | g | sun in Aries    | Scor.   | Tempests, wind & rain                 | 6 0  |
| 12 | a | Gregoris.       | Sagitt. |                                       | 5 58 |
| 13 |   | 3 sun. in Lent. | Sagitt. | □ ☽ faire and ve-<br>ry good weather. | 5 56 |
| 14 | c | Edward Kt.      | Capr.   |                                       | 5 54 |
| 15 | d | Longines mart.  | Capr.   |                                       | 5 53 |
| 16 | e | Wencesl. bish.  | Capr.   |                                       | 5 50 |
| 17 | f | Patrick bish.   | Aqua    | Cold.                                 | 5 47 |
| 18 | g | Bertrude.       | Aqua    | Faire.                                | 5 45 |
| 19 | a | Joseph mart.    | Disces  |                                       | 5 43 |
| 20 |   | 4 sun. in Lent  | Disces  | ♂ ☽ the aire in-<br>constant.         | 5 41 |
| 21 | c | Benc. Abbot     | Tries   |                                       | 5 39 |
| 22 | d | Utridose bish.  | Tries   | Spica ☽ sets cloudy.                  | 5 37 |
| 23 | e | Theodos. bish.  | Taur.   |                                       | 5 35 |
| 24 | f | Sgapitis mart.  | Taur.   | Wet.                                  | 5 33 |
| 25 | g | Ady day.        | Gem.    | Windy.                                | 5 30 |
| 26 | a | Castor mart.    | Gem.    |                                       | 5 28 |
| 27 |   | K. Char. begin. | Canc.   | * ♂ ♀ raine.                          | 5 26 |
| 28 | c | Dorothy bish.   | Can.    | Apogeeon □ ☽                          | 5 24 |
| 29 | d | Victor          | Leo     |                                       | 5 22 |
| 30 | e | Quiriu. mart.   | Leo     |                                       | 5 20 |
| 31 | f | Adelme bish.    | Leo     |                                       | 5 18 |

April hath xxx. dayes.

- Full moone the 5 day at 2 in the morn.
- Last quarter the 11 day at 10 and 5 minutes night.
- New moone the 19 day at one in the morning.
- First quarter the 27 day at one in the morn.

|    |   |                |         |                       |   |    |
|----|---|----------------|---------|-----------------------|---|----|
| 1  | g | Theodore vir.  | Virgo   | Good warme weather.   | 5 | 16 |
| 2  | a | Mary Egypt     | Virgo   |                       | 5 | 14 |
| 3  | l | lame Sand.     | Libra   |                       | 5 | 12 |
| 4  | c | Imbrose        | Libra   |                       | 5 | 10 |
| 5  | d | Moon Ecli.     | Libra   | Cloudy ♂ ⊖ Eclip.     | 5 | 8  |
| 6  | e | Heritus mar.   | Scorp.  |                       | 5 | 6  |
| 7  | f | Maun. Th.      | Scorp.  | Inconstant.           | 5 | 5  |
| 8  | g | Good fyrd.     | Sagitt. |                       | 5 | 3  |
| 9  | a | Pall. 7. virg. | Sagitt. | ♂ ⊖ ♀ windy.          | 5 | 2  |
| 10 | l | latter day.    | Capri   | Sun in Taurus.        | 5 | 0  |
| 11 | c | Sol in Taur.   | Capri   | Cloudy.               | 4 | 57 |
| 12 | d | Julius Conf.   | Squar.  | ♂ ♂ ⊖ showers         | 4 | 55 |
| 13 | e | Justine mar.   | Squar.  | warme.                | 4 | 53 |
| 14 | f | Eiburt         | Pisces  | ♂ h ⊖                 | 4 | 51 |
| 15 | g | Oswald Irc.    | Pisces  | * ♂ ♀                 | 4 | 49 |
| 16 | a | Iudeze mort.   | Pisces  | Moist winds and sweet | 4 | 47 |
| 17 | l | low land.      | Triges  | April showres.        | 4 | 44 |
| 18 | c | Elutherius     | Triges  | ♂ ⊖ ⊖ Temperate.      | 4 | 42 |
| 19 | d | Alphege Irc.   | Taur.   |                       | 4 | 40 |
| 20 | e | Victor mar.    | Taur.   | * ⊖ ♀ very faire.     | 4 | 38 |
| 21 | f | Simeon bish.   | Gem.    | * ♀ and good          | 4 | 36 |
| 22 | g | Herter virg.   | Gem.    | ♂ ⊖ ♀ weather and     | 4 | 34 |
| 23 | a | St. George     | Cancer  | sometime showres.     | 4 | 32 |
| 24 | l | Quind. Pasc.   | Cancer  |                       | 4 | 30 |
| 25 | c | Marke Iwan.    | Cancer  |                       | 4 | 28 |
| 26 | d | Clement mar.   | Leo     |                       | 4 | 26 |
| 27 | e | lernie begin.  | Leo     |                       | 4 | 25 |
| 28 | f | Witalismar.    | Virgo   | ⊕ ⊖ ⊖ warme.          | 4 | 23 |
| 29 | g | Peter Medio    | Virgo   |                       | 4 | 21 |
| 30 | a | Erkenwald      | Virgo   |                       | 4 | 19 |

May hath xxxi. dayes.

- Full moon the 4 day at 11 and 56 min. before noone.
- Last quarter the 11 day at 4 in the morning.
- New moon the 18 day at 2 and 3 min. afternoone.
- First quarter the 26 day at 5 in the afternoone.

| 25 Phisand' lac. |   |                         |   |    |
|------------------|---|-------------------------|---|----|
| 1                | c | Tres Pasch. Libra       | 4 | 17 |
| 2                | d | Juben. in Cr. Scorp.    | 4 | 16 |
| 3                | e | Floian                  | 4 | 14 |
| 4                | f | Godard. Arct. Sagitt.   | 4 | 12 |
| 5                | g | Joh. Port. Lat. Sagit.  | 4 | 10 |
| 6                | a | John of Wew. Capr.      | 4 | 8  |
| 7                | b | 4 sun. aft. East. Capr. | 4 | 6  |
| 8                | c | Mense Pasch. Aqua       | 4 | 4  |
| 9                | d | Gozd. & Epim. Aqua      | 4 | 2  |
| 10               | e | Sol in Gem. Pisces      | 4 | 1  |
| 11               | f | Mercur. Pisces          | 4 | •  |
| 12               | g | Herbat. Cap.            | 3 | 59 |
| 13               | a | Bonis. mart. Aries      | 3 | 58 |
| 14               | b | Rogation sun. Taur.     | 3 | 56 |
| 15               | c | Quinq. Pasch. Taur.     | 3 | 54 |
| 16               | d | Trans. of W. Taur.      | 3 | 53 |
| 17               | e | Dioscor. mart. Gem.     | 3 | 52 |
| 18               | f | Accidion. d. Gem.       | 3 | 51 |
| 19               | g | Crast. Ascen. Can.      | 3 | 50 |
| 20               | a | Hellen Queen Can.       | 3 | 49 |
| 21               | b | 6 sun. att. Eaf. Can.   | 3 | 48 |
| 22               | c | Uetme ends. Leo         | 3 | 47 |
| 23               | d | Trans. of Fr. Leo       | 3 | 46 |
| 24               | e | Uetme bish. Virgo       | 3 | 45 |
| 25               | f | Jug. of Eng. Virgo      | 3 | 44 |
| 26               | g | Bede priest. Virgo      | 3 | 43 |
| 27               | a | German bish. Libra      | 3 | 42 |
| 28               | b | W. attunday. Libra      | 3 | 41 |
| 29               | c | Felix bishop. Scorp.    | 3 | 40 |
| 30               | d | Petronil. vir. Scorp.   | 3 | 39 |

June hath xxx dayes.

Full moone the 2 day at 8 at night.

Last quarter the 9 day at 10 and 31 min. before noone.

New moone the 17 day at 4 and 29 min. morning.

First quarter the 25 day at 8 in the morning.

|    |   |                  |                |  |      |
|----|---|------------------|----------------|--|------|
| 1  | e | Ember weeke.     | <b>Hagis.</b>  |  | 3 41 |
| 2  | f | Marcelline       | <b>Hagitt.</b> | $\text{♂ } \text{○ } \text{●}$ very hot wea- | 3 40 |
| 3  | g | Erasmus ma.      | <b>Capp.</b>   | ther these dayes.                            | 3 40 |
| 4  | a | Petrocius C.     | <b>Capp.</b>   |  | 3 40 |
| 5  |   | Trinity Sund.    | <b>Aqua.</b>   |  | 3 39 |
| 6  | t | Crast Trinit.    | <b>Aqua.</b>   |  | 3 39 |
| 7  | d | Wed.come in.     | <b>Pisces</b>  | $\square \text{○ } \text{h}$ like to Thun.   | 3 39 |
| 8  | e | William arch.    | <b>Pisces</b>  | $\square \text{h}$ ♀ showers.                | 3 39 |
| 9  | f | Trans. of Ed.    | <b>Pisces</b>  | Longest day.                                 | 3 38 |
| 10 | g | Terme beg.       | <b>Aries</b>   |  | 3 38 |
| 11 | a | Warnable.        | <b>Aries</b>   | $\square \text{♂ } \text{♀}$ winde and       | 3 38 |
| 12 |   | 1 lun. ait. Tri. | <b>Taur.</b>   | cloudes.                                     | 3 38 |
| 13 | t | Octab. Cris.     | <b>Taur.</b>   |  | 3 38 |
| 14 | d | Walit Bilb.      | <b>Gem.</b>    |  | 3 39 |
| 15 | e | Wise & modest    | <b>Gem.</b>    | Arctur. makes the airc                       | 3 39 |
| 16 | f | Trans. of Ric.   | <b>Gem.</b>    | in-temperate. $\text{♂ } \text{○ } \text{●}$ | 3 39 |
| 17 | g | Woroloph Co.     | <b>Can.</b>    | White clouds.                                | 3 39 |
| 18 | a | Marcelline       | <b>Can.</b>    |  | 3 39 |
| 19 |   | 2 lun. in 1 rin. | <b>Leo</b>     |  | 3 40 |
| 20 | t | Qu. nd. Cris.    | <b>Leo</b>     | The left side of Orion                       | 3 40 |
| 21 | d | Walburg vir.     | <b>Leo</b>     | riseth Cosmicall rai-                        | 3 41 |
| 22 | e | Dibani Mat.      | <b>Virg.</b>   | sing the West windes.                        | 3 41 |
| 23 | f | Exhild. Fal.     | <b>Virg.</b>   | $\Delta \text{h}$ ♀ raine.                   | 3 42 |
| 24 | g | John baptist.    | <b>Lib.</b>    |  | 3 42 |
| 25 | a | Trans. Eligii    | <b>Lib.</b>    | $\square \text{○ } \text{●}$ hot weather     | 3 43 |
| 26 |   | 3 lun. ait. Fri. | <b>Lib.</b>    | and cleare.                                  | 3 44 |
| 27 | t | Tres Trinit.     | <b>Scop.</b>   | $\Delta \text{♀ } \text{♀}$ windes bring-    | 3 44 |
| 28 | d | Cennen. of p.    | <b>Scop.</b>   | ing wet.                                     | 3 45 |
| 29 | e | Peter Apost.     | <b>Hag.</b>    |  | 3 45 |
| 30 | f | Yermocenda.      | <b>Hag.</b>    | Cleare.                                      | 3 46 |

July hath xxxi dayes.

- Full moone the 2 day at three in the morning.
- Last quarter the 8 day at 7 and 41 min. at night.
- New moone the 16 day at 7 and 27 min. at night.
- First quarter the 24 day at 6 at night.
- Full moone the 31 day at 9 and 47 at mor.

|    |    |                  |         |    |    |
|----|----|------------------|---------|----|----|
| 1  | g  | Sign. of Ioh.    | Cap.    | 43 | 48 |
| 2  | a  | Sign. of Ma.     | Cap.    | 3  | 49 |
| 3  | 15 | 4 sun. aft. Iii. | Aqua    | 3  | 49 |
| 4  | c  | Tran. of mar     | Aqua    | 3  | 50 |
| 5  | d  | Joe Virgin.      | Pices   | 3  | 51 |
| 6  | e  | Oct. of I. & P.  | Pisces  | 3  | 52 |
| 7  | f  | Tran. of Cho.    | Aries   | 3  | 53 |
| 8  | g  | Depo. of Czi.    | Aries   | 3  | 55 |
| 9  | a  | Cytil marr.      | Taur.   | 3  | 57 |
| 10 | 15 | 5 sun. aft. Fri. | Taur.   | 3  | 58 |
| 11 | c  | Tran. of Vs.     | Taur.   | 3  | 59 |
| 12 | d  | Abbez & fel.     | Gem.    | 4  | 0  |
| 13 | e  | Sol in Leo.      | Gem.    | 4  | 1  |
| 14 | f  | Benet.           | Can.    | 4  | 2  |
| 15 | g  | Tr. of Swi.      | Can.    | 4  | 3  |
| 16 | a  | Tr. of Osm.      | Leo     | 4  | 4  |
| 17 | 15 | 6 sun. aft. Tri. | Leo     | 4  | 5  |
| 18 | c  | Arnolph bish.    | Leo     | 4  | 6  |
| 19 | d  | Long day. beg.   | Virgo   | 4  | 8  |
| 20 | e  | Marg. Virg.      | Virgo   | 4  | 9  |
| 21 | f  | Spaxe Virg.      | Libra   | 4  | 10 |
| 22 | g  | Mary Mag.        | Libra   | 4  | 12 |
| 23 | a  | Apolin. bish.    | Libra   | 4  | 14 |
| 24 | 15 | 7 sun. aft. Tri. | Scor.   | 4  | 16 |
| 25 | c  | James Apos.      | Scor.   | 4  | 19 |
| 26 | d  | Annun. of M.     | Sagitt. | 4  | 22 |
| 27 | e  | 7 Sleepers.      | Sagitt. | 4  | 25 |
| 28 | f  | Samp. bish.      | Cap.    | 4  | 27 |
| 29 | g  | Fe. & his Fe.    | Cap.    | 4  | 30 |
| 30 | a  | Abdon & Se.      | Aqua    | 4  | 32 |
| 31 | 15 | 8 sun. aft. Iri. | Aqua    | 4  | 34 |

8 0 C like to Thund.

August hath xxxi. dayes.

- ☽ Last quarter the 7 day at 7 and 42 min. Morning.
- ☾ New moone the 15 day at 10 and 54 morning.
- ☽ First quarter the 23 day at 3 in the morning.
- ☾ Full moone the 29 day at 5 and 50 min. afternoone.

|    |   |                   |        |                         |   |    |
|----|---|-------------------|--------|-------------------------|---|----|
| 1  | c | Lammas day.       | Pisces | Cloudy.                 | 4 | 36 |
| 2  | d | Stephen bith.     | Pisces | ☽ ☽ ☿ Temperate.        | 4 | 38 |
| 3  | e | Jub of Ste.       | Pisces | The Eagle sets cosmi-   | 4 | 40 |
| 4  | f | Justin. pmt.      | Brtes  | call stirring up great  | 4 | 42 |
| 5  | g | Cowr. confsp.     | Brtes  | heat.                   | 4 | 44 |
| 6  | a | Transfigur.       | Cant.  |                         | 4 | 47 |
| 7  | b | 9 sun. aft. Tri.  | Cant.  |                         | 4 | 49 |
| 8  | c | Cirinck           | Gem.   | Regulus riseth with the | 4 | 51 |
| 9  | d | Roman mart.       | Gem.   | Sun causing North-      | 4 | 53 |
| 10 | e | Lauren. mar.      | Canc.  | east winds.             | 4 | 55 |
| 11 | f | Tiburt mart.      | Canc.  |                         | 4 | 57 |
| 12 | g | Sol in virgo.     | Cant.  |                         | 4 | 59 |
| 13 | a | Clare virg.       | Leo    | The Dolphins tailes     | 5 | 1  |
| 14 | b | 10 sun. aft. Tri. | Leo    | brings ☽ ☽ rain by      | 5 | 3  |
| 15 | c | Assumpt. of       | Virg.  | his setting colmicall.  | 5 | 5  |
| 16 | d | Roche. Conf.      | Virgo  |                         | 5 | 6  |
| 17 | e | Oda of Law.       | Libra  |                         | 5 | 8  |
| 18 | f | Agapite mar.      | Libra  | ☽ ☽ ☿ windy.            | 5 | 10 |
| 19 | g | Levese Bish.      | Libra  |                         | 5 | 12 |
| 20 | a | Barn. Conf.       | Scor.  |                         | 5 | 14 |
| 21 | b | 11 sun. aft Tr.   | Scor.  | Cloudy.                 | 5 | 16 |
| 22 | c | Oct. assump.      | Hagit. |                         | 5 | 18 |
| 23 | d | Timoth. fast      | Hagit. | ☽ ☽ ☿ hot.              | 5 | 20 |
| 24 | e | Barthol. ipo.     | Hagit. | ☽ ☽ ☿                   | 5 | 21 |
| 25 | f | Levese King       | Capri  | The Dayes end about     | 5 | 24 |
| 26 | g | Dog day end       | Capri  | the 27 day *            | 5 | 26 |
| 27 | a | Ruph marr.        | Aqua   |                         | 5 | 28 |
| 28 | b | 12 sun. aft. Tr.  | Aqua   | ☽ ☽ ☿ faire.            | 5 | 30 |
| 29 | c | Decol. of Ioh.    | Pisces | ☽ ☽ ☿ Thunder.          | 5 | 32 |
| 30 | d | Felix & Iuda      | Pisces | ☽ ☽ ☿ wind and clou-    | 5 | 33 |
| 31 | e | Cuthb. virg.      | Brtes  | dy.                     | 5 | 35 |

September hath xxx. dayes.

- >Last quarter the 5 day at 11 a clocke at night.
- New moone the 14 day at 2 in the morning.
- First quarter the 21 day at 10 in the morning.
- Full moone the 28 day at 4 in the morning.

|    |   |                  |         |                        |   |    |
|----|---|------------------|---------|------------------------|---|----|
| 1  | f | Giles Abbot.     | Trig.   | The evening * sets at  | 5 | 37 |
| 2  | g | Bantho.mart.     | Taur.   | 7 and 30 mi. at night. | 5 | 39 |
| 3  | a | Gregory.         | Taur.   | ¶○ḥ some drops.        | 5 | 41 |
| 4  | z | 13 sun. aft. Tr. | Gem.    | □○€ good weather.      | 5 | 43 |
| 5  | c | Bertine Ab.      | Gem.    | ¶ḥ great winds.        | 5 | 45 |
| 6  | d | Eugenius.        | Can.    | 5 50                   |   |    |
| 7  | e | Mat. Reg. El.    | Can.    | △᳚ winds.              | 5 | 52 |
| 8  | f | Mat. of Ha.      | Can.    | 5 54                   |   |    |
| 9  | g | Gorzen mar.      | Leo     | 5 56                   |   |    |
| 10 | a | Hilarius bish.   | Leo     | Arcturus brings raine. | 5 | 58 |
| 11 | z | 14 sun. aft. Tr. | Virgo   | Equal day and night.   | 6 | 1  |
| 12 | c | Martin. bish.    | Virgo   | ¶ḥ: ᳚ clouds           | 6 |    |
| 13 | d | sol in Libra.    | Virgo   | and winds.             | 6 | 4  |
| 14 | e | Ekak Croisse     | Libra   |                        | 6 | 6  |
| 15 | f | St. of Mary      | Libra   | Lucida Corona riseth   | 6 | 8  |
| 16 | g | Ensemme vir.     | Scor.   | turning the winds.     | 6 | 10 |
| 17 | a | Lambert bish.    | Scor.   | ᳚ rain.                | 6 | 13 |
| 18 | z | 15 sun. aft. Tr. | Sagitt. | □᳚ windes and          | 6 | 15 |
| 19 | c | Januar. mar.     | Sagitt. | □○€ clouds.            | 6 | 17 |
| 20 | d | Ember weeke.     | Sagitt. | Variable.              | 6 | 19 |
| 21 | e | Matthew Apos.    | Capr.   |                        | 6 | 21 |
| 22 | f | Maurice          | Capr.   | *ḥ rain.               | 6 | 23 |
| 23 | g | Cecile bvg.      | Aqua.   | Wind and good gale     | 6 | 25 |
| 24 | a | Endoch mart      | Aqua.   | cleare.                | 6 | 28 |
| 25 | z | 16 sun. aft. Tr. | Witres  | ᳚ windes from          | 6 | 30 |
| 26 | c | Cyprian          | Witres  | ¶○€ the south Eclip.   | 6 | 32 |
| 27 | d | Cofme & Da.      | Witres  | Like to raine.         | 6 | 34 |
| 28 | e | Eclips.          | Taur.   |                        | 6 | 36 |
| 29 | f | Michael Arc.     | Taur.   | Faire in the evening.  | 6 | 38 |
| 30 | g | Hiemone          | Taur.   |                        |   |    |

October hath xxxi dayes.

- ¶ Last quarter the 5 day at 5 in the afternoone.
- New moone the 13 day at 5 in the afternoone.
- First quarter the 20 day at 5 at night.
- Full moone the 27 day at 4 and 38 min. at night.

|    |   |                  |        |                         |   |    |
|----|---|------------------|--------|-------------------------|---|----|
| 1  | a | Wemiglue b.      | Taur.  | The 7 stars south at 2  | 6 | 40 |
| 2  | b | 17 sun. aft. Tr. | Gem.   | and 20 min. morning     | 6 | 42 |
| 3  | c | Candide mar.     | Gem.   | cloudy.                 | 6 | 44 |
| 4  | d | Franc. Conf.     | Cane.  |                         | 6 | 46 |
| 5  | e | Wine Curr. f.    | Cane.  |                         | 6 | 48 |
| 6  | f | Faith Virg.      | Leo    |                         | 6 | 50 |
| 7  | g | Psalm. mar.      | Leo    | Whire clouds.           | 6 | 52 |
| 8  | a | Belagie Vir      | Virgo  | The dayes wax short     | 6 | 54 |
| 9  | b | 18 sun. aft. Tr. | Virgo  | and the weather is col- | 6 | 56 |
| 10 | c | Frideswic b.     | Virgo  | ler than before.        | 6 | 59 |
| 11 | d | Fitchell. mar    | Libra  |                         | 7 | 1  |
| 12 | e | Wilfryd bish     | Libra  | ¶ ♡ □ Winds.            | 7 | 3  |
| 13 | f | Sun in Scorp.    | Libra  | △ ♡ C                   | 7 | 5  |
| 14 | g | Cicely bish.     | Scor.  |                         | 7 | 6  |
| 15 | a | Wolfran Bt.      | Scor.  | The Dragons Taile       | 7 | 9  |
| 16 | b | 19 sun. aft. Tr. | Sag.   | sets Cosmicall, after   | 7 | 11 |
| 17 | c | Ethel. Virg.     | Sag.   | this day we must expect | 7 | 13 |
| 18 | d | Luke Evan.       | Cap.   | no more warmenesse.     | 7 | 15 |
| 19 | e | X. Char birth    | Cap.   |                         | 7 | 17 |
| 20 | f | 11000. bish.     | Tana   | ¶ in perig. Epicielus   | 7 | 22 |
| 21 | g | Mary Halo.       | Tana   | ¶ ♡ □ dry windes.       | 7 | 24 |
| 22 | a | Roman bish.      | Pisces | △ ♡ □ ♡ C               | 7 | 26 |
| 23 | b | 20 sun. aft. Tr. | Pisces |                         | 7 | 28 |
| 24 | c | Waglow b.        | Aries  | Winds.                  | 7 | 30 |
| 25 | d | Tris. & Crisp.   | Aries  | Cleare.                 | 7 | 32 |
| 26 | e | Quarist. & M.    | Taur.  |                         | 7 | 33 |
| 27 | f | Wensem. fast     | Taur.  | Often raine caused      | 7 | 35 |
| 28 | g | Simon & Jud.     | Taur.  | ¶ ♡ C by Orion.         | 7 | 37 |
| 29 | a | Marcellus m.     | Gem.   | Good gale.              | 7 | 38 |
| 30 | b | 21 sun. aft. Tr. | Gem.   |                         | 7 | 39 |
| 31 | c | Quintin.         | Cane.  | △ ♡ □ Some raine.       | 7 | 41 |

November hath xxx dayes.

- ¶ Last quarter the 4 day at one in the afternoone.]
- New moone the 11 day at 7 in the afternoone.
- ¶ First quarter the 19 day at one in the morning.
- Full moone the 26 day at 8 before noone.

|    |   |                 |        |                         |   |    |
|----|---|-----------------|--------|-------------------------|---|----|
| 1  | D | All Saints.     | Can.   | Arcturus riseth at 3 in | 7 | 43 |
| 2  | E | All Soules      | Can.   | the morning.            | 7 | 44 |
| 3  | F | Crast Noim.     | Leo    |                         | 7 | 46 |
| 4  | G | Imant. cap.     | Leo    | * ♀ ☽ temperature       | 7 | 48 |
| 5  | A | Powder Treas.   | Virg.  | Southerly winds.        | 7 | 50 |
| 6  | B | 22 sun. af. Tr. | Virgo  | Cloudy cold weather     | 7 | 51 |
| 7  | C | Whitbod Ar.     | Virgo  | Pleiades South at mid.  | 7 | 52 |
| 8  | D | 4 Crowned       | Libra  | frost or raine.         | 7 | 54 |
| 9  | E | Theodor. mar.   | Libra  |                         | 7 | 55 |
| 10 | F | Bennet          | Scor.  | □ ♀ ☽ winde and         | 7 | 57 |
| 11 | G | Martin bish.    | Scor.  | cloudes.                | 7 | 58 |
| 12 | A | Sol in Sagit.   | Scor.  | δ ☽ frost.              | 8 | 0  |
| 13 | B | 23 sun. af. Tr. | Sag.   | * ♀ ☽ clouds.           | 8 | 2  |
| 14 | C | Cra. of Esk.    | Sag.   |                         | 8 | 3  |
| 15 | D | Macute          | Capr.  |                         | 8 | 4  |
| 16 | E | Depos. of Ed.   | Capr.  | Very cold.]             | 8 | 6  |
| 17 | F | Hugh Bish.      | Aqua.  |                         | 8 | 7  |
| 18 | G | Agta. Mar.      | Aqua.  | Cold wind.              | 8 | 8  |
| 19 | A | Elizabeth       | Pisces | δ ☽ hoare frost.        | 8 | 9  |
| 20 | B | 24 sun. af. Tr. | Pisces | δ ☽ vac. cursa.         | 8 | 10 |
| 21 | C | Present of m.   | Aries  | □ ☽ ♀ remisse cold.     | 8 | 11 |
| 22 | D | Cicilie virg.   | Aries  |                         | 8 | 12 |
| 23 | E | Clem. Mar.      | Taur.  | * ♀ ☽ winds clouds.     | 8 | 13 |
| 24 | F | Gislog. Mar.    | Taur.  | □ ☽ ♀ often raine.      | 8 | 14 |
| 25 | G | Quind. Ma.      | Taur.  | δ ☽ or snow.            | 8 | 15 |
| 26 | A | Linus Mar.      | Gem.   | frost.                  | 8 | 16 |
| 27 | B | Advere Sun.     | Gem.   | δ ☽ ☽ winds.            | 8 | 17 |
| 28 | C | Terme ends.     | Can.   |                         | 8 | 17 |
| 29 | D | Saturn Cri.     | Can.   | Arcturus riseth at one  | 8 | 17 |
| 30 | E | Andrew Apos.    | Leo    | in the morning.         |   |    |

December hath xxxi dayes.

☽ Last quarter the 4 day about noone.  
 ☽ New moone the 11 day at 7 afternoone.  
 ☽ First quarter the 18 day before noone.  
 ☽ Full moone the 26 day at 2 in the morning.

|    |   |                |         |   |   |    |
|----|---|----------------|---------|---|---|----|
| 1  | f | Wed. goes out. | Leo     | Ahabor riseth 20 min<br>after 7 at night.   | 8 | 19 |
| 2  | g | Libanus mar.   | Leo     |   | 8 | 20 |
| 3  | a | Barbara mar    | Virgo   |   | 3 | 20 |
| 4  | b | sun. in Adv.   | Virgo   | □ frost like.                               | 8 | 20 |
| 5  | c | Habbe Abb.     | Libra   |   | 3 | 21 |
| 6  | d | Nicholas bish  | Libra   |   | 3 | 21 |
| 7  | e | St. of Indz.   | Libra   | *♀♀ wind and raine<br>or snow.              | 8 | 21 |
| 8  | f | Conc. of Ma.   | Scorp.  | The rammes horne ri-<br>seth snow or raine. | 3 | 22 |
| 9  | g | Cyprian Ab.    | Scorp.  |   | 8 | 22 |
| 10 | a | Qualle virg.   | Sagitt. | □ ♀ Shortest day.                           | 3 | 23 |
| 11 | b | sun. in Adv.   | Sagitt. |   | 8 | 23 |
| 12 | c | Lucy virgo     | Capr.   |   | 3 | 23 |
| 13 | d | Sol in Capri.  | Capr.   |   | 8 | 23 |
| 14 | e | Nicasius       | Aqua.   |   | 8 | 23 |
| 15 | f | umber weeke    | Aqua.   | Thawing.                                    | 8 | 22 |
| 16 | g | O Sapient.     | Pisces  |   | 8 | 22 |
| 17 | a | Lazarus Con.   | Pisces  | △○♂ haile                                   | 8 | 21 |
| 18 | b | 3 sun. in Adv. | Uries   | ○○ frost like.                              | 8 | 21 |
| 19 | c | Genesie virg.  | Uries   | Cold.                                       | 8 | 21 |
| 20 | d | Julian mart.   | Tau.    | ○○♂ haile or snow.                          | 8 | 20 |
| 21 | e | Thomas Apo.    | Tau.    |   | 3 | 19 |
| 22 | f | 30 Martvis     | Tau.    |   | 8 | 17 |
| 23 | g | Wtaor Virg.    | Gem.    |   | 3 | 17 |
| 24 | a | Claudy fast    | Com.    |   | 8 | 16 |
| 25 | b | Chirkunas day  | Tau.    | ○○ very cold, yet                           | 8 | 15 |
| 26 | c | S. Stephen.    | Tau.    | faire weather.                              | 8 | 14 |
| 27 | d | John Evan.     | Tau.    |   | 8 | 13 |
| 28 | e | Innocent.      | Leo     |   | 8 | 12 |
| 29 | f | Tho. Becket.   | Leo     | There will be seen but                      | 8 | 12 |
| 30 | g | Trans. of Ja.  | Virg.   | one Eclipse of ☽ this                       | 8 | 12 |
| 31 | a | Silvest. bish. | Virg.   | next yeere.                                 | 8 | 12 |

Nye, 1642.

A

Prognostication, for the yeare  
of our Lord God 1642, and of  
the World, 5692.

Wherein is contained many  
things very profitable and fit to be  
known, as a type of the Eclipse of the  
Moon, and a short description of all  
the Constellations of Stars, both Nor-  
thern and Southern; which thing  
and many other have not been  
heretofore published by any.

By NATHANIEL NYE,  
*Practitioner in Astron.*

LONDON,  
Printed for the Company of  
STATIONERS, 1642.

# A Briefe Chronology of some memorable things, untill this present yeare,

1642.

|                                       |      |
|---------------------------------------|------|
| the Creation of the World             | 5592 |
| the Flood of Noah                     | 3934 |
| the building of the Temple.           | 2658 |
| Brute entered this Island.            | 2748 |
| Iulius Cæsar conquered this Island.   | 1694 |
| the destruction of Ierusalem.         | 1554 |
| England received the Christian Faith. | 1461 |
| Duke William the Conquerour.          | 576  |
| the building of Westminster Hall.     | 542  |
| the first Lord Major of London.       | 451  |
| Gunnes were invented in Almaine.      | 261  |
| Martin Luther did oppose the Pope.    | 125  |
| the Royall Exchange was built.        | 77   |
| the Rebellion in the North.           | 73   |
| the Massacre in France.               | 70   |
| the generall Earthquake in England.   | 61   |
| Tilbury Campe.                        | 54   |
| King Charles was borne Novemb: 19.    | 43   |
| the great Plague in London.           | 38   |
| the Powder treason November 5.        | 37   |
| the last great frost.                 | 34   |
| the death of Prince Henry.            | 30   |
| the last blazing Star.                | 24   |
| his Majesties reigne began.           | 18   |
| the birth of Prince Charles.          | 13   |

Since

Of

## Of the Starry Heaven.

The Firmament is a most glorious Heauen, adorned and beautified with all the fixed Stars, whose natural motion is upon 2 little circles, the one about the head of Aries, and the other of Libra, whose diametre is 4 deg. and 18 min. and is called the motion of Trepidation, but indeed the motion of this Heauen is threecold, for first it turneth about from East to West in 24 hours, according to its diurnall motion, and from West to East, according to the motion of the Month Heauen: The last is made by its own proper motion, sometimes towards the North, and sometimes towards the South, which is called Motus Trepidationis, as is sa d before: This Heauen maketh his revolution in 7000 yeares, in this Heauen is placed the Zodiack, and all the rest of the Circles in the Sphere, also the Stars of this Heauen are divided into Companies, Signes or Constellations, whereby they may be known: Those which are included between the North Pole of the Eclipt, and the Eclipt. Circle, are these following, being in number 21, and the whole number of Stars included in them, and about them, are 360, of all which 3 are but of the first magnitude, that is to say, Arcturus, Lyra, and the Goat.

Here followeth the number of Stars in each constellation, and first the 2. Northerne.

|                 |    |                 |    |                   |    |
|-----------------|----|-----------------|----|-------------------|----|
| 1. Virgo minor. | 7  | 8. Lira.        | 11 | 15. Sigitta.      | 5  |
| 2. Vela major.  | 27 | 9. Cignus.      | 12 | 16. Serpentarius. | 24 |
| 3. Draco.       | 31 | 10. Cassiopeia. | 13 | 17. Serpens.      | 13 |
| 4. Cepheus.     | 11 | 11. Perseus.    | 26 | 18. Equuleus.     | 4  |
| 5. Bootes.      | 22 | 12. Auriga.     | 14 | 19. Pegasus.      | 17 |
| 6. Coronis.     | 8  | 13. Aquila.     | 9  | 20. Andromeda.    | 23 |
| 7. Hercules.    | 28 | 14. Delphinus.  | 10 | 21. Ophioton.     | 4  |

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The 12 Signes, or Constellations of the Zodiack, haue in them 5 Stars of the first magnitude, and Stars are numbered in them; 46 of the first magnitude are these, Aldebaran, or the Bulls eye, Cor Leonis, Spica Virginis, The Scorpions heart, and Fomahant.

|       |       |    |      |
|-------|-------|----|------|
| V 13  | S 9   | 8  | V 23 |
| 8 33  | ol 27 | 21 | 42   |
| II 18 | mp 46 | 21 | 34   |

In the Southerne Hemisphere are accounted 15 Constellations of company of Stars, and in those, there are 7 Stars of the first magnitude, whereof the first is in the right shoulder of Orion, the second in his left foot, the 3 in the end of the flood Eridanus, the 4 is the great Dog Star, the 5 is the little Dog, and the 6 is Canopus in the ship Argo, and the 7 is the star called Chiron, five Centaurus. But there are numbered in all these Constellations 316 stars, here follow their name.

|                |    |                      |    |
|----------------|----|----------------------|----|
| 1 Cetus.       | 22 | 9 Crater.            | 7  |
| 2 Orion.       | 38 | 10 Corvus.           | 7  |
| 3 Eridanus.    | 34 | 11 Centaurus.        | 37 |
| 4 Lepus.       | 12 | 12 Fera.             | 19 |
| 5 Canis major. | 11 | 13 Ara.              | 7  |
| 6 Canis minor. | 2  | 14 Corona.           | 13 |
| 7 Argo.        | 45 | 15 Piscis austrinus. | 12 |
| 8 Hydra.       | 25 |                      |    |

All the Stars are in number 1025, of the first magnitude are 15, of the second 45, of the 3 mag. 208, of the fourth 474, of the 5 are 217, and of the 6 are 49 small stars: It is from the Earth to the Firmament, according to Tycho-Brach, 1400 semidiam. or 4818400 miles.

### Of the 7 Planets in Generall.

Saturne seemeth to the eye as a star of the 2 mag. and is of a pale leaden colour, and requireth almost 30 yeares to passe through the Zodiack, and is bigger than the Earth 22 times, and distant from the earth 10550 semidiam: of the earth, or 36587400 miles, Jupiter

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Jupiter appeareth as a star of the 1 magn: very bright, & shining, requires 12 yeares & 312 dayes, and is distant 10423 semid. or 36146900 mil: and is bigger than the earth 14 times.

Mars appeareth of a fiery red colour sometimes very bright and sometimes very small, no bigger than a star of the 3 mag: finisheth his course through the Zodiack in one yeare and 322 dayes, and is lesse than the earth 13 times, distant from the earth 11290820 miles.

The Sun which is 32 min: in apparent bignesse, finisheth his course through the Zodiack, in one yeare, & is bigger than the earth, according to Tycho Brach, 139 times and somewhat more, the Sun is distant from the earth in his meane motion 1142 semid: or 3924912 miles.

The glorious Planet Venus finisheth her course about the Zodiack, in the like space as doth the Sun, Venus hath another course also about the body of the ☽, which she performeth once in 584 days, so that in 292 days there is a coniunction of the ☽ & ♀, this planet is lesse than the earth 5 times, and distant from it, in her meane motion, as the Sun.

Mercury passeth through the Zodiack, in like space as doth the Sun and Venus, and also hath a motion about the Sun, which he performeth in 115 days, he is never distant from the Sun aboue 29 deg. and therfore is seldom seen, he is lesse than the earth 19 times, and distant from the earth as the Sun.

The Moon is the lowest of all the Planets, and finisheth her course through the Zodiack in a month, and is lesse than the Earth 42 times, and distant from it in her meane motion 56 semidiametres, every semidiameter containing 7436 miles, which being multiplied by 56, the product ariseth to 1913416 miles.

Nye 1642.

A Table shewing the Longit. and Latitude,  
and distance, in miles, of some of the most fa-  
mous Cities, and notable places in the world, from the  
most honorable City of London.

| Names of the Longit. and Latitude,<br>places. | Dis-<br>tance<br>in mil-<br>es. | Their true<br>bearing<br>from Lon-<br>don. | Lon-<br>gitud<br>e, day.     | Sun-<br>set, B<br>or<br>Aft. |
|---|---------------------------------|--|------------------------------|------------------------------|
| deg. m d.m                                    | min-<br>utes.                   |  |                              |                              |
| Russia  | 57 29 59 29                     | 320  | East by N. 17 8 2            | 8 Bef.                       |
| Muscovia                                      | 80 0 59 0                       | 620  | East by N. 17 8 2            | 8 Bef.                       |
| Calcut.                                       | 112 40 10 29                    | 1840                                       | S.E. by East 12 40 5 48 Bef  |                              |
| Babilon                                       | 82 20 33 0                      | 710  | East S. East 14 14 3 46 Bef  |                              |
| Constantinople                                | 61 10 44 40                     | 1480                                       | East S. East 15 24 2 22 Bef  |                              |
| Hungaria                                      | 50 0 48 1                       | 1000                                       | East S. East 16 0 2 7 Bef    |                              |
| Annoe p                                       | 31 20 50 3                      | 120  | East S. East 16 16 0 22 Bef  |                              |
| Amsterdam                                     | 33 0 51 25                      | 27   | East                         | 16 26 0 23 Bef               |
| Samaria                                       | 72 21 47 41                     | 240  | East S. East 14 17 3 3 Be.   |                              |
| Damascus                                      | 74 29 33 0                      | 135  | Sou. E: by E. 14 50 3 10 Be. |                              |
| I. rusalem                                    | 72 20 34 30                     | 1220                                       | Sou. E: by E. 14 14 3 3 Be.  |                              |
| Athens  | 36 10 40 0                      | 140  | Sou. E: by E. 14 52 2 2 Be.  |                              |
| Egypt   | 64 3 30 0                       | 260  | Sou. E: by E. 14 2 2 50 Bef  |                              |
| Venice  | 41 40 44 59                     | 720  | Sou. E: by E. 15 3 1 4 Bef   |                              |
| Rome  | 42 30 31 0                      | 890  | Sou. E: by E. 15 4 1 6 Bef   |                              |
| Bermoothes                                    | 219 0 32 46                     | 1000                                       | W: S: W: 14 19 5 0 Aft       |                              |
| New England                                   | 312 0 43 0                      | 1000                                       | W: S: W: 15 0 5 32 Aft       |                              |
| Virginia                                      | 303 0 36 0                      | 602  | W: S: W: 14 24 5 32 Aft      |                              |
| Dublin  | 16 41 51 11                     | 190  | N: V: by N: 16 44 32 Aft     |                              |
| Paris   | 29 25 48 30                     | 240  | S. E: by Sou. 16 14 0 0 Aft  |                              |
| Cal:  | 20 51 36 11                     | 9  | South East 16 20 0 20 Be.    |                              |
| Frisland                                      | 351 0 62 0                      | 400  | W: N: W: 19 20 0 0 Aft       |                              |
| Greenland                                     | 0 0 75 0                        | 1400                                       | West N: W: 23 00 0 0 Aft     |                              |
| Edenbergh                                     | 22 10 57 15                     | 280  | North N: W: 17 20 0 17 Aft   |                              |
| London.                                       | 25 30 51 31                     | 00000                                      | 0 0 16 26 0 0 0              |                              |

The use and explanation of this Table.

For that I know it is a thing desired of many to heare  
and discourse of places remote, for their satisfaction I  
have

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haue set forth this Table, the use whereof is this: Seeke the place whose distance you desire to know, in the next Columnne is the Longitude, and the next to that the Latitude, then the Distance in miles in the 4 Columnac, the True bearing in the 5 Columnne, in the 6 Columnne the length of the longest day, in the 7 Columnne the Sunrising, either before or after it riseth at London.

Example.

I Desire to know all the aforesaid by Jerusalem, I enter the Table, and finde Jerusalem, to be 2 Columnne I finde the Longitude to be 73 degrees and 20 min. in the 3 Columnne I finde the Latitude to be 32 deg. and 30 min. in the 4 Columnne I finde the distance between London and Jerusalem to be 2320 miles: the true bearing from London is South East by East: the Longest day 14 houres and 14 min. & the Sun riseth 3 houres before it riseth at London.

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Astronomicall Notes.

The true Procession of the Equinectiall or the distance of the Star, called the Rams Horne, from the Equinoctiall pointe is 28 deg 17 min. But according to Copernicus his observations, it is 28 deg. 19 min. and 13 thirds.

The Obliquit of the Zodiac, according to Lansberg, is 23 deg. 30 min. 29 seconds, according to Tycho, it is 23 deg. 31 min. 30 seconds. But according to the Prutenick tables it is 23 deg. 28 min. 0 sec.

The apogeeon of the Sun, according to Lansberg, is in the 7 deg. and 39 min. of S.

|   | gr. | m. | z. |   |
|---|-----|----|----|---|
| ○ | 10  | 47 | 3  | ☽ |
| ○ | 0   | 12 | 7  | ☿ |
| ○ | 7   | 20 | 9  | ♃ |
| ○ | 29  | 20 | 17 | ♄ |
| ○ | 16  | 50 | 5  | ♂ |
| ○ | 1   | 26 | 0  | ♃ |

The true bignesse of the Tropicall yeare is 365 dapes 5 houres 49 min.

Here followeth the true place of the Planets the first day of every month, also the time of the touching of some principall fixed starn.

#### January.

The ○ in the 20. 44 of ☿; ♀ in the 9 deg. of ♀, ♀ in the 16 deg. of ☽; ♃ in the 8 deg. of ♀, ♀ in the 23 of ♀, ♀ in the 29 deg. of ☽.

Saturne setteth at 8 and 36 min. in the evening, ♀ setteth at 6 and 10 min. in the evening: ♃ riseth before 6 in the morning: ♀ riseth a quartier of an houre after 6 in morning: ♀ not to be seen.

#### February.

○ in ☽ 22 deg. 22 min. ♀ in ♀ 5 deg. ♀ in ☽ the 24 deg. ♃ enter, ☽, ♀ 2 deg. of ☽; ♀ in 9 deg. of ☽.

♀ setteth at 6 and 47 at night. ♀ is neere the ○. ♃ and ♀ riseth at 4 and 45 in the morning: ♀ riseth hulse an houre after 6 morning.

#### March.

○ in the 20 deg. 17 min. of ♀; ♀ in ♀ 15 deg. ♀ in ♀ the first deg. ♃ the 20 deg. of ☽; ♀ in ♀ 7 deg. ♀ ☽ 9 deg. ♀ and ♀ are neare the ○. ♃ riseth at 4 and 10 min. morning. ♀ at 6. ♀ at 5 in the morning.

Arctu-

## Nye 1642.

Arcturus cometh to the Meridian at 2 and 30 min: mor-  
ning: Spica Virginis at one and 35 min. mezzining: Regulus at  
10 and 32 min: at night.

### April.

○ V 20 & 56 min. h in H 20 deg. U in H 7 deg. ♂ in  
12 deg: ♀ in V the 15 deg. ♀ in S 8. H riseth at 4 and 2 more  
ning: U at 4 morning: ♂ at 2 and 15 min: mor: ♀ and ♀  
not to be seen.

The Virgin's Spick South at 11 and 45: Arcturus South  
at 12 and 45. The Scorpions heart South at 3 in the mor.

### May.

○ 20 deg. 7 min. ♂: h in the 23 of H: U in the 16 H: ♂ in  
the 4 of H ♀ in 22 S: ♀ in the 13 deg: of S.

h riseth at 2 and 35 min. U at 2:30 min.

♂ at 2 in the mor. ♀ and ♀ not to be seen being with  
the Sun.

Lyra South at 3 and a quarter mor. The w heart S.  
w at one morning.

### June.

○ 19 deg. 54 min. of II: h in H 25. U in H 16 deg: ♂ in  
H 26: ♀ in II 30 deg. ♀ in S 13 deg. h riseth at 12 and 3  
min. night. U at 12 and 15. ♂ with h: ♀ sets at 9 at night  
not seen.

The Harp or Lyra South at one morning.

### July.

○ in S 18 deg. 3 min. h in H the 25: U in the 17 deg:  
of H ♂ in V 16: ♀ in S the 6 of II: ♀ in II the 9: h riseth  
at 10:30 min. at night: U at 10 and 25: ♂ at 11 and 10 min.  
♀ and ♀ set in the evening at 9.

The Flying Eagle South a little after midnight.

### August.

○ in II 18 deg. 15 min: h in H 24 deg: U in H 16 de-  
gree.

## Nye. 1642.

grec ♂ in Taurus the 3 deg. ♀ in ♐ the 14 deg. ♀ in ♐ the 4 deg. h riseth at 8 and 32 min: in the evening: ℗ at 8 and 20 min: ♂ at 9 and 45, ♀ at 8 and 15 min. sets in the evening: ♀ sets just at 8 evening.

Comahant of ☽ South at 1 and 15 min: mor.

### September.

○ 18:13 of ♐: h in ♐ the 22 Deg: ℗ in ♐ 12 Deg. ♂ in Taurus the 14 Deg: ♀ in ♐ 22 Deg: ♀ enters ♐: h riseth at 6 and 30 min: in the evening: ℗ riseth a little before: ♂ riseth at 8 in the even: ♀ sets at 7 and 20 min: in the evening: ♀ not to be seen.

Comahant South at 1: and 20 min. in the night.

### October.

○ in ♐ 17 Deg: ♂ 37 min: h in ♐ 20: ℗ in ♐ 9: ♂ in Taurus 13 Deg: ♀ 13 ♐ 28 Deg: ♀ in ♐ the 20 Deg: h riseth at 4 and 47 min: ℗ riseth at 4 and 30 min: ♂ riseth at 6 & 17 min: ♀ the evening star sets at 6 & 50 min: at night. The Buls-eye is South at 3 and 10 min: morning. The 7 stars are South at 2 and 20 min: morzn.

### November.

The ○ 18:5 ♐: h 18 Deg. ♐: ℗ 8 ♐: ♂ in Taurus 2 Deg: ♀ in ♐ 4 Deg: ♀ in 9 ♐.

The Planets are all of them now become stars: h sets at 2 morn: ℗ at one morn: ♂ at 6 morn: ♀ at 7 night and ♀ at 5. The Buls-eye South at one and a quarter past morn: Pleyades South 20 min: after midnight.

### December.

○ 18 Deg. 55 of ♐: h in 19 of ♐: ℗ in ♐ the 10 Deg: ♂ in Taur. the first Deg: ♀ in ☽ 6 Deg: ♀ in ♐ the 17 Deg. h sets at noon. ℗ at 11 before midn: ♂ at 3 and 47 morn: ♀ sets at 7 and 3 night and ♀ cannot be seen.

The Buls-eye South at 11 & 12 min: The 7 stars south at 10 & 7 min:night. The great Dog star ☽. at one and 13 morning.

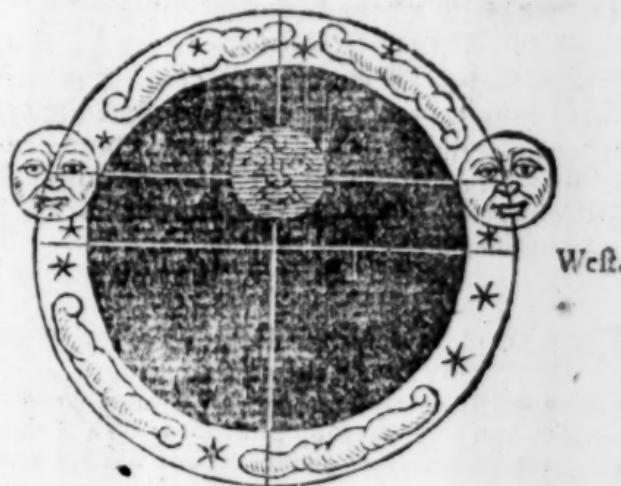
Of

Nye 1642.

Of the Eclipses. 1642.

This yeaer 1642 will be 4 Eclipses, 2 of the Sun, and 2 of the Moon, those 2 which are of the Moon, will be visible in our horizon the other 2 of the Sun in remote parts. The first of the Moon, which will bee seen of vs in great Britaine, falleth vpon the first of Aprill, the beginning therof will be at 12, the middle at 2 and the end at 4 in the morning, being a terrible Eclipse, to the quantity of 20 digest, 8 more than her body thus.

North.



South.

The Moon will be in the 26 Deg: of Libra, neer to the star called Spica Virginis.

The 2 Eclipse is vpon the 28 of Sept: being a greater Eclipse than the former, the beginning thereof is at 3, the middle is at 5, and the end at 7 in the morn: eclipsed 22 digest: and thus much for the Lunar Eclipses, only note this

this there will be no great Eclipse of the Sun, vntill the yeare 1666, Iune the 22, it will be totally darkened at 11 before noone.

## Of the Solar yeare and the Etymology thereof.

The Astronomers make many diuisions of this Solar yeare, which are not much needfull to be known, in respect of this Treatise, to be short, the Solar yeare is a space of time that the Sun by his proper motion, departeth from some poynct of the Ecliptick, and returneth to the same place again: This Solar yeare is either Astronomicall, or Poeticall: the Astronomicall yeare is either Tropicall or Sidereall: and the Tropicall is either Equall or Unequall, the Tropicall yeare containes 365 dyps, 5 houres, & 49 min. and the Unequall or apparent Tropicall yeare, sometimes containes 365 dyps, 5 houres and 56 min: and other times lesse, as 365 dyps 5 houres and 42 min: and this vnequality, whiche is very little, is made by the vnequall p[ro]cession of the Equinoctiall p[er]iodes.

There are many that do credibly beleue that the yeares mentioned in the old World, as in the time of Adam, Noah, Abraham, &c. were but halfe so long as our yeares, and that a Winter and a Summer, were accounted for 2 severall yeares, which is very false, for the yeare then was as long as it is now, and each month consisted of as many dayes, as it doth now: In Gen. 8. 5. you may read that there are 10 months mentioned, and yet Scripture calleth it not the last month: so it plainly appeares, that the yeare was accounted more than 6 months long, but they may make a doubt whether the month were so long as ours, to the which I answe[r], that in the aforesaid Chap. v. 14 are these words, In the second month, and in the 27 day of the month the earth was dry.

Abriefe discourse of the naturall causes of  
watery Meteors, as Snow, Haile, Raine, &c.

**Y**OU must first understand, that all watery Meteors, as Raine, Snow, or suchlike, is but a moist vapour, drawn by by the heat of the Sun, and vertue of the rest of the planets, beyond the first and into the middle region of the ayre, which being dissolved, falleth vpon the earth, as snow, raine, haile, &c.

Of the Raine bow.

**P**Lay saith, the Raine bow is made by the Sun beams striking vpon a hollow cloud, when their edge is repelled, and beaten back against the Sun, and thus ariseth variety of colours, by the mixture of clouds, ayre, and fery light together, the signification thereto is, that if it appeare before raine, it signifieth raine to follow, but if it be in the time of raine, it signifieth faire weather.

Of Raine.

**O**f these kinds of meteors, I will speake but briefly, Raine is a cold vapor, and earthly humor, raised from the earth, and waters, into the middle region of the ayre, wherby the extremity of the cold, is thickned into the body of a cloud, and after being dissolved, falleth in drops vpon the earth.

Of Haile.

**H**ail is made of raine, frozen into Ice, as the drops fall vpon the earth, and so in stead of drops commeth down haile stones, which sometimes are very great.

Of Snow.

**S**now is of the same matter as haile, but not growne so hard together.

Of Frost and Dew.

**V**hen in the day time, through the faint heat of the Sun, there is a cold & moist vapor, drawn by a little

little from the earth, into the lower region of the ayre, presently at night it descendeth down vpon the earth againe, and is called Dew, in the spring or harvest, it is a signe of good weather, but if by the meanes of cold it be frozen, it is then called a frost, and therfore Dewe come not so often in hot weather, nor in windy, but after a calme & cleare night; frosts v: y vp wet, and moisture, for when the Ice is melted, the like quantity of water in proportion is not found.

## Of Wind.

**W**ind is nothing but many exhalations drawn from the earth, and forced adewile about it.

## Of Earth-quakes.

**P**lenty of winds gotten into the bowels, holes and corners of the earth, bursting out of the earth, and the earth closing again, causeth the shaking of Earth quake, and betokeneth war.

## Of Thunder and Lightning.

**W**hen an exhalation hot and dry, mixt with moisture is carried vp into the middle region of the ayre, and there inclosed in the body of a cloud: Now these two contraries being shut ouer vp in one room together, fall at variance, whereby the water, and the fire agree not, vntill they haue broken the prison, wherein they were pent, so the fire and water fly out of the cloud, the breaking thereof maketh a noyse like the running of chariots, which we call Thunder, & the fire Lightning, the Thunder being made first, but th: fire first seen (in respect the sight is before the hearing.) Many other wonderous, and strange kind of Meteors bee there in the Heauens, which are burning Dragons, Comets, or Blazing Stars, Falling Stars, which in some measure being scanted of Paper, I will for this time omit.

## Rules for Husbandry.

Before you plant or graft, consider the wind, for if it be  
In the North or East, cease thy labor, this is foreknown,  
plant or graft generally the Moon increasing in S or W.

Remove young trees in the last quarter, the Moon in  
S or W, the Moone being in the months of October, No-  
vember, Decem. Feb.

Sow all manner of corn, the C increasing in S. Set  
or sow all kind of seeds, C in V, Taurus, S, M, L, or W.

Gather fruits the better to keep, at the full Moone.

Fell Timber from Midsummer, till Christmas, from  
the change till the full.

Manure and fallow your lands, when the Moon is de-  
creasing, that the weeds may not grow thereby: Shears  
Sheep in the increase, and then cut haire, to make it grow  
fast and thick: Cut Vines in February, March, and Sept.  
the Moon increasing in V, L, or m.

Lib, or geld cattell, the Moon increasing, in Aries, Sagit.  
or Capricornus.

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O what a pleasure was it to survey,  
Natures chiefe work, the Heavens, there we may  
View the alternate courses of the Sunne,  
The sacred Chariots, how the World doth runne,  
The Moones bright orb, when she's attended by  
Those scattered Stars, whose light adorns the Sky.

*FINIS.*